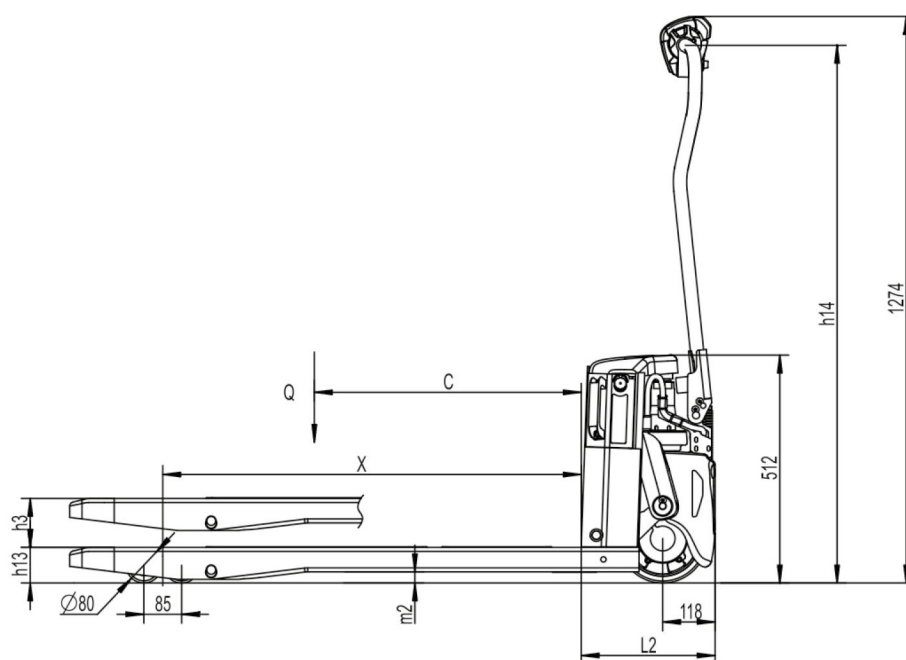
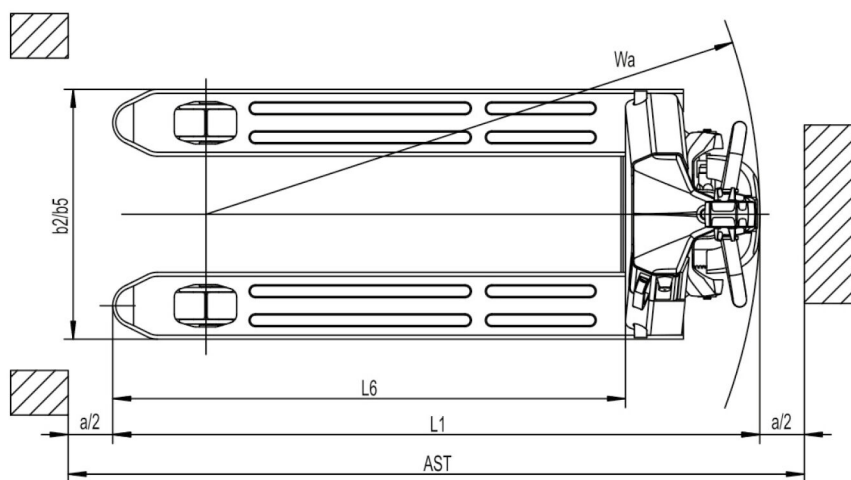


Baoli

KBP 15E



1.1	Manufacturer		KION BAOLI
1.2	Manufacturer's type designation		KBP 15E
1.3	Drive: electric, diesel, petrol, fuel gas		Electric
1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
1.5	Rated capacity / Rated load	Q (t)	1.5
1.6	Load centre distance	c (mm)	600
1.8	Load distance, centre of drive axle to fork	x (mm)	942
1.9	Wheelbase	y (mm)	1125/1066
2.1	Service weight	Kg	107
2.2	Axle loading, laden front/rear	Kg	534/1073
2.3	Axle loading, unladen front/rear	Kg	80/27
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU
3.2	Tyre size, front		Ø 200x60
3.3	Tyre size, rear		Ø 80x60
3.4	Additional wheels (dimensions)		-
3.5	Wheels, number front/rear (x = driven wheels)		1x/4
3.6	Tread, front	b10 (mm)	-
3.7	Tread, rear	b11 (mm)	410 / 535
4.4	Lift	h3 (mm)	115
4.9	Height drawbar in driving position min/max	h14 (mm)	450/1270
4.15	Height, lowered	h13 (mm)	80
4.19	Overall length	l1 (mm)	1450
4.20	Length to face of forks	l2 (mm)	300
4.21	Overall width	b1/b2 (mm)	560/685
4.22	Fork dimensions ISO 2331	s/e/l (mm)	55x150x1150
4.25	Distance between fork-arms	b5 (mm)	560/685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	25
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2045
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	1918
4.35	Turning radius	Wa (mm)	1242
5.1	Travel speed, laden/unladen	km/h	5/5
5.2	Lift speed, laden/unladen	m/s	0,022/0,029
5.3	Lowering speed, laden/unladen	m/s	0,054/0,032
5.8	Max gradeability, laden/unladen	%	8/16
5.10	Service brake		Electromagnetic
6.1	Drive motor rating S2 60 min	kW	0,80
6.2	Lift motor rating at S3 15%	kW	0.5
6.3	Battery according to DIN 43531/35/36 A, B, C, no		Li-ion
6.4	Battery voltage/nominal capacity K5	V/Ah	48 V / 10 Ah Li-ion
6.5	Battery weight	kg	5.3
6.6	Energy consumption according to VDI cycle	kWh/h	0.15
8.1	Type of drive unit		DC
10.7	Sound pressure level at driver's seat	dB (A)	70



KBP 15E

The **KBP 15E** is a compact and efficient electric pallet truck designed for light-duty material handling in confined environments.

With a load capacity of 1.500 kg, it provides a reliable solution for short-distance transport in warehouses, retail spaces and logistics operations; the low service weight of 107 kg allows its use on tail lifts and freight elevators. Its ultra-compact chassis, with only 300 mm length to the fork face, ensures excellent manoeuvrability and optimal use of space, even inside trucks.

The standard creep speed function enables safe and precise movements in tight areas, even with the tiller in a vertical position.

Optional support wheels provide a 5-point chassis configuration, improving stability during operation. The maintenance-free lithium-ion battery guarantees high availability through opportunity charging and simple operation without gas emissions. The side battery extraction system allows quick replacement, while the

optional spare battery supports continuous use with minimal downtime.

The permanent magnet drive motor ensures low energy consumption and requires no maintenance. The powerful drive motor allows the pallet truck to reach speeds of over 5 km/h even at full load, ensuring efficient and fast material handling.

The ergonomic tiller arm and intuitive controls make operation easy for all users.

The design, with integrated hydraulic components and protected wiring, ensures reliability and durability.

The KBP 15E is the ideal entry-level solution for simple, compact and cost-effective goods handling.

Technology and features

- ✓ Compact dimensions (l2 = 300 mm) and standard creep speed function enable operation in confined spaces
- ✓ Low service weight (107 kg) allows use on tail lifts and freight elevators.
- ✓ 5-point chassis with optional support wheels ensures stability and safe handling of higher loads
- ✓ Lithium-ion battery increases truck availability, requires no maintenance and produces no hazardous gas emissions during charging
- ✓ Simple battery replacement with optional spare battery enables quick exchange and ensures high availability through continuous operation
- ✓ Permanent magnet drive motor is maintenance-free and offers low energy consumption
- ✓ Powerful drive motor ensures fast goods handling with speeds above 5 km/h even at full load
- ✓ Integrated pump assembly without oil pipes and protected wiring harness enhance reliability and serviceability

